

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2013 Levee Inspection Results**

**Reclamation District No. 1602 Del Puerto**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2013 Levee Inspection Results**

**Reclamation District No. 1602 Del Puerto**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Left	6.29
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/03/2013 - 04/03/2013			
DWR Inspector	Pavel Kazi			
Accompanied By	Tony Martinez RD1602			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River				Left	6.29	04/03/2013 04/03/2013	Pavel Kazi	

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1				Operations & Maintenance Manuals	CR	A Ma	Inspector Comments: The LMA has all the O&M manuals.	°	°	39
									DWR ID: DWR_RD1602_01_s_2012_39	
2				Emergency Supplies & Equipment	CR	A Ma	Inspector Comments: The LMA has enough flood materials in case of an incident.	°	°	77
									DWR ID: DWR_RD1602_01_s_2012_77	
3				Flood Preparedness & Training	CR	A Ma	Inspector Comments: The LMA has solid understanding and most of them have flood preparedness training.	°	°	97
									DWR ID: DWR_RD1602_01_s_2012_97	
4	0.00	0.11		Encroachments	CR	M En	BU : Building Inspector Comments: Animal pens across levee crown.	37.476560 ° -121.083862 °	37.477295 ° -121.082087 °	1 Y
									DWR ID: DWR_RD1602_01_s_2012_1	
5	0.23	0.46		Vegetation	LS	C Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.477907 ° -121.080255 °	37.479595 ° -121.076594 °	14
									DWR ID: DWR_RD1602_01_f_2012_14	
6	0.32	0.32		Animal Control	WS	U Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478555 ° -121.078851 °	37.478555 ° -121.078851 °	21 Y
									DWR ID: DWR_RD1602_01_s_2012_21	
7	0.37	0.37		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478881 ° -121.078131 °	37.478881 ° -121.078131 °	23 Y
									DWR ID: DWR_RD1602_01_s_2012_23	
8	0.56	0.56		Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.480210 ° -121.074953 °	37.480210 ° -121.074953 °	5 Y
									DWR ID: DWR_RD1602_01_s_2012_5	
9	0.60	0.60		Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.479968 ° -121.074583 °	37.479968 ° -121.074583 °	4 Y
									DWR ID: DWR_RD1602_01_s_2012_4	
10	0.60	0.72		Encroachments	WS	M En	FE : Fence Inspector Comments: Barbed wire fence along the landward toe.	37.479967 ° -121.074582 °	37.478514 ° -121.073435 °	70 Y
									DWR ID: DWR_RD1602_01_s_2012_70	
11	0.63	0.63		Animal Control	WS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The LMA repaired the rodent hole in this area.	37.479559 ° -121.074301 °	37.479559 ° -121.074301 °	2 Y
									DWR ID: DWR_RD1602_01_s_2013_2	
12	0.63	0.63		Animal Control	WS	C Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.479559 ° -121.074301 °	37.479559 ° -121.074301 °	33
									DWR ID: DWR_RD1602_01_s_2012_33	
13	0.64	0.64		Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.479390 ° -121.074177 °	37.479390 ° -121.074177 °	38 Y
									DWR ID: DWR_RD1602_01_f_2012_38	

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side		A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

  

LMR No.	Levee Mile		Category	Item	Location * + Rating + Ma	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
14	0.66	0.66		Animal Control	CR C Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.479204 ° -121.074042 °	37.479204 ° -121.074042 °	34 Y
DWR ID: DWR_RD1602_01_s_2012_34									
15	0.66	0.66		Animal Control	LS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.479202 ° -121.074042 °	37.479202 ° -121.074042 °	41 Y
DWR ID: DWR_RD1602_01_s_2012_41									
16	0.67	0.67		Animal Control	WS M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.479030 ° -121.073909 °	37.479030 ° -121.073909 °	29 Y
DWR ID: DWR_RD1602_01_s_2012_29									
17	0.68	0.68		Animal Control	WS C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.478919 ° -121.073833 °	37.478919 ° -121.073833 °	30 Y
DWR ID: DWR_RD1602_01_s_2012_30									
18	0.69	0.69		Animal Control	LS M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.478788 ° -121.073740 °	37.478788 ° -121.073740 °	31 Y
DWR ID: DWR_RD1602_01_s_2012_31									
19	0.71	0.71		Animal Control	WS M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.478629 ° -121.073590 °	37.478629 ° -121.073590 °	32 Y
DWR ID: DWR_RD1602_01_s_2012_32									
20	0.78	0.78		Animal Control	WS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478011 ° -121.072617 °	37.478011 ° -121.072617 °	6 Y
DWR ID: DWR_RD1602_01_s_2012_6									
21	0.78	0.78	Interior Drainage & Piping Systems	Flap Gates	WS M Ma	Inspector Comments: Sediment has built up at the pipe outlet preventing the flap gate from closing.	37.477965 ° -121.072595 °	37.477965 ° -121.072595 °	72 Y
DWR ID: DWR_RD1602_01_s_2012_72									
22	0.81	0.81		Animal Control	WS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.477844 ° -121.072132 °	37.477844 ° -121.072132 °	57 Y
DWR ID: DWR_RD1602_01_s_2012_57									
23	0.83	0.83		Animal Control	WS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.477907 ° -121.071754 °	37.477907 ° -121.071754 °	76 Y
DWR ID: DWR_RD1602_01_s_2012_76									
24	0.91	0.91		Animal Control	WS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	° °	° °	3 Y
DWR ID: DWR_RD1602_01_s_2013_3									
25	0.95	0.95		Animal Control	WS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478474 ° -121.069586 °	37.478474 ° -121.069586 °	47 Y
DWR ID: DWR_RD1602_01_f_2012_47									
26	0.99	0.99		Encroachments	WS M En	RA : Ramp	37.478719 ° -121.069072 °	37.478719 ° -121.069072 °	36 Y
DWR ID: DWR_RD1602_01_s_2012_36									
27	1.02	1.02	Interior Drainage & Piping Systems	Encroachments	WS M Ma	Inspector Comments: Incorrect installation and type of pipe (PVC).	37.478838 ° -121.068707 °	37.478838 ° -121.068707 °	9 Y
DWR ID: DWR_RD1602_01_s_2012_9									

**\* Location**

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
28	1.04	1.04	Interior Drainage & Piping Systems	Concrete Tilting / Settlement	WS	M Ma	Inspector Comments: The outlet headwall is tilting away from the pipe rendering the existing flap gate ineffective. Repair gap between pipe and headwall and stabilize headwall to prevent further damage.	37.478678 ° -121.068305 °	37.478678 ° -121.068305 °	55 Y
DWR ID: DWR_RD1602_01_s_2012_55										
29	1.07	1.07		Slope Stability	WS	M Ma	S1 : Repair slope instability. Inspector Comments: Small amount of slumping at waterside toe of the levee.	37.478567 ° -121.067847 °	37.478567 ° -121.067847 °	37 Y
DWR ID: DWR_RD1602_01_s_2012_37										
30	1.09	1.09		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478436 ° -121.067148 °	37.478436 ° -121.067148 °	10 Y
DWR ID: DWR_RD1602_01_s_2013_10										
31	1.10	1.10		Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.478454 ° -121.067209 °	37.478454 ° -121.067209 °	8 Y
DWR ID: DWR_RD1602_01_s_2012_8										
32	1.11	1.11		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478371 ° -121.066793 °	37.478371 ° -121.066793 °	11 Y
DWR ID: DWR_RD1602_01_s_2013_11										
33	1.12	1.12		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478372 ° -121.066797 °	37.478372 ° -121.066797 °	56 Y
DWR ID: DWR_RD1602_01_f_2012_56										
34	1.13	1.13		Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.478331 ° -121.066705 °	37.478331 ° -121.066705 °	7 Y
DWR ID: DWR_RD1602_01_s_2012_7										
35	1.15	1.15		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478285 ° -121.066299 °	37.478285 ° -121.066299 °	65 Y
DWR ID: DWR_RD1602_01_f_2012_65										
36	1.16	1.16		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478256 ° -121.065898 °	37.478256 ° -121.065898 °	12 Y
DWR ID: DWR_RD1602_01_s_2013_12										
37	1.17	1.17		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478267 ° -121.065895 °	37.478267 ° -121.065895 °	78 Y
DWR ID: DWR_RD1602_01_s_2012_78										
38	1.19	1.19		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478324 ° -121.065444 °	37.478324 ° -121.065444 °	79 Y
DWR ID: DWR_RD1602_01_s_2012_79										
39	1.21	1.21		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478391 ° -121.065111 °	37.478391 ° -121.065111 °	80 Y
DWR ID: DWR_RD1602_01_s_2012_80										
40	1.23	1.23		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478522 ° -121.064723 °	37.478522 ° -121.064723 °	98 Y
DWR ID: DWR_RD1602_01_f_2012_98										
41	1.62	1.62		Encroachments	WS	C Ma	PR : Prunings	37.477665 ° -121.058721 °	37.477665 ° -121.058721 °	100 Y
DWR ID: DWR_RD1602_01_f_2012_100										

**\* Location**

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
42	1.62	2.29		Encroachments	LS	M <sub>En</sub>	FE : Fence Inspector Comments: Fences at the landside toe of the levee.	37.477663 ° -121.058716 °	37.470264 ° -121.054377 °	43 Y
DWR ID: DWR_RD1602_01_s_2012_43										
43	1.62	1.62		Animal Control	LS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.477661 ° -121.058715 °	37.477661 ° -121.058715 °	44 Y
DWR ID: DWR_RD1602_01_s_2012_44										
44	1.68	1.68		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.476880 ° -121.058329 °	37.476880 ° -121.058329 °	103 Y
DWR ID: DWR_RD1602_01_f_2012_103										
45	1.69	1.69		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.476576 ° -121.058174 °	37.476576 ° -121.058174 °	18 Y
DWR ID: DWR_RD1602_01_s_2013_18										
46	1.82	1.82		Animal Control	LS	M <sub>Ma</sub>	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.474997 ° -121.057959 °	37.474997 ° -121.057959 °	58 Y
DWR ID: DWR_RD1602_01_s_2012_58										
47	1.94	1.94		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.473189 ° -121.057893 °	37.473189 ° -121.057893 °	27 Y
DWR ID: DWR_RD1602_01_s_2012_27										
48	2.03	2.03		Encroachments	LS	M <sub>Ma</sub>	EQ : Equipment Inspector Comments: A well is present at the toe of the landside of the slope.	37.471734 ° -121.057670 °	37.471734 ° -121.057670 °	45 Y
DWR ID: DWR_RD1602_01_s_2012_45										
49	2.06	2.06		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.471507 ° -121.057542 °	37.471507 ° -121.057542 °	82 Y
DWR ID: DWR_RD1602_01_s_2012_82										
50	2.09	2.09		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.471240 ° -121.057388 °	37.471240 ° -121.057388 °	84 Y
DWR ID: DWR_RD1602_01_s_2012_84										
51	2.11	2.11		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.470858 ° -121.057140 °	37.470858 ° -121.057140 °	85 Y
DWR ID: DWR_RD1602_01_s_2012_85										
52	2.12	2.12		Animal Control	CR	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.470575 ° -121.056850 °	37.470575 ° -121.056850 °	19 Y
DWR ID: DWR_RD1602_01_s_2013_19										
53	2.18	2.18		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.470323 ° -121.056148 °	37.470323 ° -121.056148 °	86 Y
DWR ID: DWR_RD1602_01_s_2012_86										
54	2.24	3.45		Encroachments	LS	M <sub>En</sub>	DT : Ditch Inspector Comments: Concrete ditch before the levee was built.	37.470119 ° -121.055117 °	37.459606 ° -121.043240 °	59 Y
DWR ID: DWR_RD1602_01_s_2012_59										
55	2.49	2.49		Animal Control	WS	M <sub>Ma</sub>	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.469907 ° -121.050834 °	37.469907 ° -121.050834 °	46 Y
DWR ID: DWR_RD1602_01_s_2012_46										

**\* Location**

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**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
56	2.59	2.59		Animal Control	CR	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.468945 ° -121.049008 °	37.468945 ° -121.049008 °	20 Y
DWR ID: DWR_RD1602_01_s_2013_20										
57	2.60	2.60		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.469109 ° -121.049215 °	37.469109 ° -121.049215 °	87 Y
DWR ID: DWR_RD1602_01_s_2012_87										
58	2.61	3.13		Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.468955 ° -121.049018 °	37.463540 ° -121.042764 °	104 Y
DWR ID: DWR_RD1602_01_f_2012_104										
59	2.62	2.62		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.468929 ° -121.048984 °	37.468929 ° -121.048984 °	88 Y
DWR ID: DWR_RD1602_01_s_2012_88										
60	2.65	2.65		Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.468625 ° -121.048613 °	37.468625 ° -121.048613 °	89 Y
DWR ID: DWR_RD1602_01_s_2012_89										
61	2.93	2.93		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.465762 ° -121.045074 °	37.465762 ° -121.045074 °	91 Y
DWR ID: DWR_RD1602_01_s_2012_91										
62	3.13	3.32		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.463500 ° -121.042699 °	37.461243 ° -121.041713 °	49 Y
DWR ID: DWR_RD1602_01_s_2012_49										
63	3.42	3.42		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.460021 ° -121.042766 °	37.460021 ° -121.042766 °	92 Y
DWR ID: DWR_RD1602_01_s_2012_92										
64	3.47	3.47		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.459511 ° -121.043350 °	37.459511 ° -121.043350 °	93 Y
DWR ID: DWR_RD1602_01_s_2012_93										
65	3.49	3.56		Encroachments	WS	M En	DT : Ditch Inspector Comments: A ditch is located on waterside toe of the levee.	37.459220 ° -121.043611 °	37.458373 ° -121.044081 °	50 Y
DWR ID: DWR_RD1602_01_s_2012_50										
66	3.52	3.52		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.458810 ° -121.043850 °	37.458810 ° -121.043850 °	106 Y
DWR ID: DWR_RD1602_01_f_2012_106										
67	3.53	3.53		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.458762 ° -121.043875 °	37.458762 ° -121.043875 °	107 Y
DWR ID: DWR_RD1602_01_f_2012_107										
68	3.54	3.54		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.458139 ° -121.044225 °	37.458139 ° -121.044225 °	25 Y
DWR ID: DWR_RD1602_01_s_2013_25										
69	3.67	3.67		Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.456775 ° -121.044704 °	37.456775 ° -121.044704 °	108 Y
DWR ID: DWR_RD1602_01_f_2012_108										
70	3.80	3.80		Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.455238 ° -121.043635 °	37.455238 ° -121.043635 °	83 Y
DWR ID: DWR_RD1602_01_s_2012_83										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River				Left	6.29	04/03/2013 04/03/2013	Pavel Kazi	

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
71	3.83	3.83		Encroachments	LS	M	GA : Garbage	37.454872 ° -121.043370 °	37.454872 ° -121.043370 °	15 Y
					Ma			DWR ID: DWR_RD1602_01_s_2012_15		
72	3.85	3.85		Vegetation	LS	M	V6 : Landscaping	37.454574 ° -121.043142 °	37.454574 ° -121.043142 °	42 Y
					En			DWR ID: DWR_RD1602_01_s_2012_42		
73	3.91	3.91		Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.453891 ° -121.042629 °	37.453891 ° -121.042629 °	94 Y
					Ma			DWR ID: DWR_RD1602_01_s_2012_94		
74	3.92	5.50		Vegetation	WS	M	V1 : Control annual grass and weeds on the levee slopes and easements.	37.453295 ° -121.042146 °	37.433186 ° -121.033084 °	28 Y
					Ma			DWR ID: DWR_RD1602_01_s_2013_28		
75	3.96	3.96		Slope Stability	LS	M	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Significant damage to USACE constructed seepage berm due to human activity.	37.453216 ° -121.042127 °	37.453216 ° -121.042127 °	62 Y
					Ma			DWR ID: DWR_RD1602_01_s_2012_62		
76	3.97	4.07		Encroachments	LS	M	FE : Fence	37.452983 ° -121.042301 °	37.451866 ° -121.041206 °	63 Y
					En			DWR ID: DWR_RD1602_01_s_2012_63		
77	3.99	3.99		Animal Control	WS	M	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.452805 ° -121.041769 °	37.452805 ° -121.041769 °	16 Y
					Ma			DWR ID: DWR_RD1602_01_s_2012_16		
78	4.00	4.00		Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.452820 ° -121.041776 °	37.452820 ° -121.041776 °	95 Y
					Ma			DWR ID: DWR_RD1602_01_s_2012_95		
79	4.11	4.11		Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.451520 ° -121.040699 °	37.451520 ° -121.040699 °	51 Y
					Ma			DWR ID: DWR_RD1602_01_f_2012_51		
80	4.15	4.15		Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.451051 ° -121.040109 °	37.451051 ° -121.040109 °	17 Y
					Ma			DWR ID: DWR_RD1602_01_s_2012_17		
81	4.23	4.23		Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.450142 ° -121.039397 °	37.450142 ° -121.039397 °	53 Y
					Ma			DWR ID: DWR_RD1602_01_s_2012_53		
82	4.37	4.37		Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.448327 ° -121.038192 °	37.448327 ° -121.038192 °	52 Y
					Ma			DWR ID: DWR_RD1602_01_f_2012_52		
83	4.39	4.39		Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.448076 ° -121.038037 °	37.448076 ° -121.038037 °	109 Y
					Ma			DWR ID: DWR_RD1602_01_f_2012_109		
84	4.45	4.92		Encroachments	LS	M	FE : Fence	37.447213 ° -121.037665 °	37.441014 ° -121.036932 °	67 Y
					En			DWR ID: DWR_RD1602_01_s_2012_67		
85	4.50	4.66		Encroachments	LS	M	DT : Ditch	37.446485 ° -121.038037 °	37.444290 ° -121.037953 °	64 Y
					En			DWR ID: DWR_RD1602_01_s_2012_64		

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River				Left	6.29	04/03/2013 04/03/2013	Pavel Kazi	

  

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
86	4.72	4.72		Animal Control	LS Ma	M A1 : Exterminate rodents and backfill and compact or grout burrows.	37.443481 ° -121.037736 °	37.443481 ° -121.037736 °	13 Y
DWR ID: DWR_RD1602_01_s_2012_13									
87	4.81	4.81		Encroachments	LS Ma	C DE : Debris Inspector Comments: A broken tree trunk is found on the landside of the levee.	37.442369 ° -121.036911 °	37.442369 ° -121.036911 °	69 Y
DWR ID: DWR_RD1602_01_s_2012_69									
88	4.83	4.83		Animal Control	WS Ma	C A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.441974 ° -121.036626 °	37.441974 ° -121.036626 °	96 Y
DWR ID: DWR_RD1602_01_s_2012_96									
89	4.98	5.14		Vegetation	LS Ma	C V2 : Remove the wild growth other than native grasses from the levee slopes.	37.440250 ° -121.037404 °	37.438034 ° -121.037057 °	71 Y
DWR ID: DWR_RD1602_01_s_2012_71									
90	4.98	5.24		Vegetation	WS Ma	C V2 : Remove the wild growth other than native grasses from the levee slopes.	37.441273 ° -121.036768 °	37.436637 ° -121.036477 °	73 Y
DWR ID: DWR_RD1602_01_s_2012_73									
91	5.25	5.25		Animal Control	LS Ma	M A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Possible dog made the rodent hole worse than before.	37.436503 ° -121.036374 °	37.436503 ° -121.036374 °	24 Y
DWR ID: DWR_RD1602_01_s_2012_24									
92	5.30	5.89		Vegetation	LS Ma	C V2 : Remove the wild growth other than native grasses from the levee slopes.	37.435967 ° -121.035802 °	37.433134 ° -121.027017 °	26 Y
DWR ID: DWR_RD1602_01_s_2012_26									
93	5.34	5.34		Slope Stability	LS Ma	M S1 : Repair slope instability.	37.435533 ° -121.035371 °	37.435533 ° -121.035371 °	102 Y
DWR ID: DWR_RD1602_01_s_2012_102									
94	5.34	5.34		Animal Control	LS Ma	M A1 : Exterminate rodents and backfill and compact or grout burrows.	37.435529 ° -121.035314 °	37.435529 ° -121.035314 °	60 Y
DWR ID: DWR_RD1602_01_s_2012_60									
95	5.36	5.36		Vegetation	LS Ma	M V2 : Remove the wild growth other than native grasses from the levee slopes.	37.435236 ° -121.035271 °	37.435236 ° -121.035271 °	61 Y
DWR ID: DWR_RD1602_01_s_2012_61									
96	5.40	5.40		Slope Stability	LS Ma	M S1 : Repair slope instability.	37.434699 ° -121.035063 °	37.434699 ° -121.035063 °	105 Y
DWR ID: DWR_RD1602_01_s_2012_105									
97	5.40	5.54		Vegetation	WS Ma	M V2 : Remove the wild growth other than native grasses from the levee slopes.	37.434619 ° -121.035031 °	37.433277 ° -121.033318 °	75 Y
DWR ID: DWR_RD1602_01_s_2012_75									
98	5.42	5.49		Encroachments	LS En	M FE : Fence	37.434447 ° -121.034865 °	37.433791 ° -121.034000 °	22 Y
DWR ID: DWR_RD1602_01_f_2012_22									

**\* Location**

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.11
Location	Crown
Category	
Item	Encroachments

Looking at animal pens on crown of levee from LM 0.00 to 0.11.

pkazi\_s\_20130404\_732.jpg



Levee Mile Report Line	6
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside of the slope. The picture was taken from the toe looking toward the crown.

pkazi\_s\_20130404\_749.jpg



Levee Mile Report Line	6
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside of the slope taken from the toe looking toward the crown. This picture was taken during the spring 2012 inspection.

pkazi\_s\_20130404\_750.jpg



**\* Location**

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**+ Issue Type**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Water Side
Category	
Item	Animal Control

Updated picture of the rodent hole on the waterside shoulder of the levee looking from toe of the levee. The picture was taken during the fall 2012 inspection.

pkazi\_s\_20130404\_751.jpg



Levee Mile Report Line	6
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Water Side
Category	
Item	Animal Control

Updated picture of the animal hole on the waterside shoulder of the levee during spring 2013 inspection.

pkazi\_s\_20130404\_838.JPG



Levee Mile Report Line	7
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	
Item	Animal Control

Rodent holes were found on the waterside of the slope. The picture was taken from the toe looking towards the crown of the levee.

pkazi\_s\_20130404\_753.jpg



**\* Location**

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**+ Issue Type**

Ma : Maintenance Deficiency  
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En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	
Item	Animal Control

Updated picture of the rodent holes on the waterside shoulder of the levee looking downstream taken during the fall 2012 inspection.

pkazi\_s\_20130404\_754.jpg



Levee Mile Report Line	7
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	
Item	Animal Control

Updated picture of the rodent hole on the waterside shoulder of the levee looking upstream during spring 2013 inspection.

pkazi\_s\_20130405\_839.JPG



Levee Mile Report Line	8
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Water Side
Category	
Item	Animal Control

View of rodent holes on the waterward slope looking waterward.

pkazi\_s\_20130404\_735.jpg



**\* Location**

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**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	8
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Water Side
Category	
Item	Animal Control

Animal holes were found on the waterside of the levee looking upstream. This picture was taken during the spring 2012 inspection.

pkazi\_s\_20130404\_736.jpg



Levee Mile Report Line	9
Start Levee Mile	0.60
End Levee Mile	0.60
Location	Water Side
Category	
Item	Animal Control

Rodent holes were found on the waterside of the levee. The picture was taken from the toe of the waterside of the levee looking upstream.

pkazi\_s\_20130404\_733.jpg



Levee Mile Report Line	9
Start Levee Mile	0.60
End Levee Mile	0.60
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside slope looking from the toe of the levee.

pkazi\_s\_20130404\_734.jpg



**\* Location**

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**+ Issue Type**

Ma : Maintenance Deficiency  
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En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	10
Start Levee Mile	0.60
End Levee Mile	0.72
Location	Water Side
Category	
Item	Encroachments

View of barbed wire fence at landward toe looking upstream.

pkazi\_s\_20130404\_795.jpg



Levee Mile Report Line	11
Start Levee Mile	0.63
End Levee Mile	0.63
Location	Water Side
Category	
Item	Animal Control

Rodent holes were repaired on the waterside slope of the levee looking upstream.

pkazi\_s\_20130405\_840.JPG



Levee Mile Report Line	13
Start Levee Mile	0.64
End Levee Mile	0.64
Location	Land Side
Category	
Item	Animal Control

A rodent hole was found on the landside shoulder of the levee looking upstream.

pkazi\_s\_20130404\_772.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	15
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Land Side
Category	
Item	Animal Control
Rodent holes were found on the landside of the levee. The picture was taken from the toe of the levee looking towards the crown.	
pkazi_s_20130404_773.jpg	



Levee Mile Report Line	15
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Land Side
Category	
Item	Animal Control
Rodent holes were found on the waterside slope of the levee looking towards the crown during spring 2013 inspection.	
pkazi_s_20130405_841.JPG	



Levee Mile Report Line	16
Start Levee Mile	0.67
End Levee Mile	0.67
Location	Water Side
Category	
Item	Animal Control
The rodent holes were found on the waterside of the levee. The picture was taken from toe looking towards the crown.	
pkazi_s_20130404_761.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	18
Start Levee Mile	0.69
End Levee Mile	0.69
Location	Land Side
Category	
Item	Animal Control
Animal burrow was found on the landside of the levee. The picture was taken from the toe of the levee looking upstream.	
pkazi_s_20130404_763.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.69
End Levee Mile	0.69
Location	Land Side
Category	
Item	Animal Control
Rodent holes were found on the landside of the levee looking upstream.	
pkazi_s_20130404_764.jpg	



Levee Mile Report Line	19
Start Levee Mile	0.71
End Levee Mile	0.71
Location	Water Side
Category	
Item	Animal Control
Rodent holes were found on the waterside of the levee. The picture was taken from toe of the levee looking upstream.	
pkazi_s_20130404_765.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	20
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	
Item	Animal Control
Animal burrow was found on the waterside of the levee. The picture was taken from the toe of the levee looking downstream.	
pkazi_s_20130404_737.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates
View of a flap gate with sediment preventing it from closing.	
pkazi_s_20130404_797.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates
Debris and sediments were obstructing the flap gate. The picture was taken from toe of waterside of the levee looking towards the crown. This picture was taken during the fall 2011 inspection.	
pkazi_s_20130404_798.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	21
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

Debris and sediments were obstructing the flap gate from closing completely. The picture was taken from toe of waterside of the levee during the fall 2012 inspection.

pkazi\_s\_20130404\_799.jpg



Levee Mile Report Line	22
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside of the levee looking upstream.

pkazi\_s\_20130404\_787.jpg



Levee Mile Report Line	22
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Water Side
Category	
Item	Animal Control

Updated picture of the rodent hole on the waterside slope of the levee looking upstream during spring 2013 inspection.

pkazi\_s\_20130405\_842.JPG



**\* Location**

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WS : Water Side  
CR : Crown

**\*\* Rating**

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**+ Issue Type**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	23
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside of the levee looking downstream.	
pkazi_s_20130404_802.jpg	



Levee Mile Report Line	23
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Water Side
Category	
Item	Animal Control
Updated picture of the rodent hole on the waterside slope of the levee looking downstream.	
pkazi_s_20130404_803.jpg	



Levee Mile Report Line	24
Start Levee Mile	0.91
End Levee Mile	0.91
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside shoulder of the levee looking upstream.	
pkazi_s_20130405_843.JPG	

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	25
Start Levee Mile	0.95
End Levee Mile	0.95
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside slope of the levee looking upstream.	
pkazi_s_20130404_779.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.99
End Levee Mile	0.99
Location	Water Side
Category	
Item	Encroachments
View of the ramp on the crown. The picture was taken from crown looking downstream.	
pkazi_s_20130404_768.jpg	



Levee Mile Report Line	27
Start Levee Mile	1.02
End Levee Mile	1.02
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Encroachments
PVC sleeve through steel pipe on waterward slope at LM 1.02.	
pkazi_s_20130404_740.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2013

### Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	27
Start Levee Mile	1.02
End Levee Mile	1.02
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Encroachments

PVC pipe connected to steel pipe on landward toe at LM 1.02.

pkazi\_s\_20130404\_741.jpg



Levee Mile Report Line	28
Start Levee Mile	1.04
End Levee Mile	1.04
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Concrete Tilting / Settlement

Separation of outfall structure from the outlet pipe at LM 1.04.

pkazi\_s\_20130404\_784.jpg



Levee Mile Report Line	28
Start Levee Mile	1.04
End Levee Mile	1.04
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Concrete Tilting / Settlement

Additional view of outfall structure at LM 1.04.

pkazi\_s\_20130404\_785.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	29
Start Levee Mile	1.07
End Levee Mile	1.07
Location	Water Side
Category	
Item	Slope Stability
Small amount of slumping at water toe.	
pkazi_s_20130404_769.JPG	



Levee Mile Report Line	29
Start Levee Mile	1.07
End Levee Mile	1.07
Location	Water Side
Category	
Item	Slope Stability
Depression at the waterside slope of the levee during Spring 2011 inspection.	
pkazi_s_20130404_770.jpg	



Levee Mile Report Line	29
Start Levee Mile	1.07
End Levee Mile	1.07
Location	Water Side
Category	
Item	Slope Stability
Updated picture of the depression at the waterside toe of the levee. The picture was taken from the crown of the levee looking upstream.	
pkazi_s_20130404_771.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2013

### Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	1.09
End Levee Mile	1.09
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking towards the crown.

pkazi\_s\_20130405\_844.JPG



Levee Mile Report Line	31
Start Levee Mile	1.10
End Levee Mile	1.10
Location	Water Side
Category	
Item	Animal Control

Rodent hole was found on the waterside of the levee. The picture was taken from waterside looking upstream.

pkazi\_s\_20130404\_739.jpg



Levee Mile Report Line	32
Start Levee Mile	1.11
End Levee Mile	1.11
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking downstream.

pkazi\_s\_20130405\_845.JPG



**\* Location**

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CR : Crown

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**+ Issue Type**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	33
Start Levee Mile	1.12
End Levee Mile	1.12
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking upstream.

pkazi\_s\_20130404\_786.jpg



Levee Mile Report Line	34
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Land Side
Category	
Item	Animal Control

Animal burrow was found on the landside of the levee. The picture was taken from the toe of the levee looking upstream.

pkazi\_s\_20130404\_738.jpg



Levee Mile Report Line	35
Start Levee Mile	1.15
End Levee Mile	1.15
Location	Water Side
Category	
Item	Animal Control

Rodent holes were found on the waterside toe of the levee. The picture was taken from toe of the levee looking towards the crown.

pkazi\_s\_20130404\_792.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	36
Start Levee Mile	1.16
End Levee Mile	1.16
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside shoulder of the levee looking downstream.

pkazi\_s\_20130405\_846.JPG



Levee Mile Report Line	37
Start Levee Mile	1.17
End Levee Mile	1.17
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking downstream.

pkazi\_s\_20130404\_804.jpg



Levee Mile Report Line	38
Start Levee Mile	1.19
End Levee Mile	1.19
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking downstream.

pkazi\_s\_20130405\_847.JPG



**\* Location**

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WS : Water Side  
CR : Crown

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	39
Start Levee Mile	1.21
End Levee Mile	1.21
Location	Water Side
Category	
Item	Animal Control
Rodent hole on the waterside shoulder of the levee looking upstream.	
pkazi_s_20130404_805.jpg	



Levee Mile Report Line	40
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Water Side
Category	
Item	Animal Control
Rodent holes were found on the waterside toe of the levee looking downstream.	
pkazi_s_20130404_815.jpg	



Levee Mile Report Line	42
Start Levee Mile	1.62
End Levee Mile	2.29
Location	Land Side
Category	
Item	Encroachments
View of the fence on the landside toe of the levee. The picture was taken from crown looking upstream.	
pkazi_s_20130404_775.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	43
Start Levee Mile	1.62
End Levee Mile	1.62
Location	Land Side
Category	
Item	Animal Control

Animal burrows were found on the landside of the levee. The picture was taken from the toe of the levee looking upstream.

pkazi\_s\_20130404\_776.jpg



Levee Mile Report Line	44
Start Levee Mile	1.68
End Levee Mile	1.68
Location	Water Side
Category	
Item	Animal Control

Rodent holes were found on the waterside toe of the levee looking upstream.

pkazi\_s\_20130404\_818.jpg



Levee Mile Report Line	45
Start Levee Mile	1.69
End Levee Mile	1.69
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking downstream.

pkazi\_s\_20130405\_852.JPG



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	47
Start Levee Mile	1.94
End Levee Mile	1.94
Location	Water Side
Category	
Item	Animal Control

Rodent holes were found on the waterside of the levee. The picture was taken from crown of the levee looking upstream.

pkazi\_s\_20130404\_760.jpg



Levee Mile Report Line	48
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	
Item	Encroachments

A well is located at the landside toe of the levee. The picture was taken from the crown looking toward the landside of the levee.

pkazi\_s\_20130404\_777.jpg



Levee Mile Report Line	49
Start Levee Mile	2.06
End Levee Mile	2.06
Location	Water Side
Category	
Item	Animal Control

Rodent holes were found on the waterside toe of the levee looking upstream.

pkazi\_s\_20130404\_806.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	50
Start Levee Mile	2.09
End Levee Mile	2.09
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside of the levee looking upstream.	
pkazi_s_20130404_808.jpg	



Levee Mile Report Line	51
Start Levee Mile	2.11
End Levee Mile	2.11
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside shoulder of the levee looking upstream.	
pkazi_s_20130405_848.JPG	



Levee Mile Report Line	52
Start Levee Mile	2.12
End Levee Mile	2.12
Location	Crown
Category	
Item	Animal Control
A rodent hole was found on the crown of the levee during spring 2013 inspection.	
pkazi_s_20130405_849.JPG	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	53
Start Levee Mile	2.18
End Levee Mile	2.18
Location	Water Side
Category	
Item	Animal Control
Rodent holes were found on the waterside toe of the levee looking upstream.	
pkazi_s_20130404_809.jpg	



Levee Mile Report Line	54
Start Levee Mile	2.24
End Levee Mile	3.45
Location	Land Side
Category	
Item	Encroachments
Concrete drain was built at the toe of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20130404_788.jpg	



Levee Mile Report Line	55
Start Levee Mile	2.49
End Levee Mile	2.49
Location	Water Side
Category	
Item	Animal Control
Animal burrow was found on the waterside of the levee. The picture was taken from the toe of the levee looking upstream.	
pkazi_s_20130404_778.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	56
Start Levee Mile	2.59
End Levee Mile	2.59
Location	Crown
Category	
Item	Animal Control
A rodent hole was found on the crown of the levee looking downstream.	
pkazi_s_20130405_850.JPG	



Levee Mile Report Line	57
Start Levee Mile	2.60
End Levee Mile	2.60
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside slope of the levee looking upstream.	
pkazi_s_20130404_810.jpg	



Levee Mile Report Line	58
Start Levee Mile	2.61
End Levee Mile	3.13
Location	Land Side
Category	
Item	Vegetation
Vegetation was found on the landside slope of the levee looking upstream.	
pkazi_s_20130404_819.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	58
Start Levee Mile	2.61
End Levee Mile	3.13
Location	Land Side
Category	
Item	Vegetation
Dense vegetation was found on the landside slope of the levee looking upstream.	
pkazi_s_20130405_851.JPG	



Levee Mile Report Line	60
Start Levee Mile	2.65
End Levee Mile	2.65
Location	Land Side
Category	
Item	Animal Control
Animal holes were found on the landside of the levee looking upstream.	
pkazi_s_20130404_811.jpg	



Levee Mile Report Line	62
Start Levee Mile	3.13
End Levee Mile	3.32
Location	Land Side
Category	
Item	Vegetation
Wild growth was found on the toe of the landside of the levee. The picture was taken from crown looking upstream.	
pkazi_s_20130404_780.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	64
Start Levee Mile	3.47
End Levee Mile	3.47
Location	Water Side
Category	
Item	Animal Control
Rodent holes were found on the waterside slope of the levee looking upstream.	
pkazi_s_20130404_812.jpg	



Levee Mile Report Line	65
Start Levee Mile	3.49
End Levee Mile	3.56
Location	Water Side
Category	
Item	Encroachments
A ditch was located on the waterside toe of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20130404_781.jpg	



Levee Mile Report Line	66
Start Levee Mile	3.52
End Levee Mile	3.52
Location	Water Side
Category	
Item	Animal Control
Rodent holes were found on the waterside slope of the levee looking downstream.	
pkazi_s_20130404_821.jpg	

**\* Location**

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CR : Crown

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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	67
Start Levee Mile	3.53
End Levee Mile	3.53
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside shoulder of the levee looking upstream.

pkazi\_s\_20130404\_822.jpg



Levee Mile Report Line	68
Start Levee Mile	3.54
End Levee Mile	3.54
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking upstream.

pkazi\_s\_20130405\_853.JPG



Levee Mile Report Line	69
Start Levee Mile	3.67
End Levee Mile	3.67
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking downstream.

pkazi\_s\_20130404\_823.jpg



**\* Location**

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WS : Water Side  
CR : Crown

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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	70
Start Levee Mile	3.80
End Levee Mile	3.80
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside shoulder of the levee looking downstream.

pkazi\_s\_20130404\_807.jpg



Levee Mile Report Line	71
Start Levee Mile	3.83
End Levee Mile	3.83
Location	Land Side
Category	
Item	Encroachments

Garbage was found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi\_s\_20130404\_744.jpg



Levee Mile Report Line	71
Start Levee Mile	3.83
End Levee Mile	3.83
Location	Land Side
Category	
Item	Encroachments

Debris was located on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi\_s\_20130404\_745.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
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En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	72
Start Levee Mile	3.85
End Levee Mile	3.85
Location	Land Side
Category	
Item	Vegetation
Remove landscaping from within 10' of landside toe.	
pkazi_s_20130404_774.JPG	



Levee Mile Report Line	73
Start Levee Mile	3.91
End Levee Mile	3.91
Location	Water Side
Category	
Item	Animal Control
Rodent holes were found on the waterside toe of the levee looking upstream.	
pkazi_s_20130404_813.jpg	



Levee Mile Report Line	74
Start Levee Mile	3.92
End Levee Mile	5.50
Location	Water Side
Category	
Item	Vegetation
Vegetation was found on the waterside slope of the levee looking upstream.	
pkazi_s_20130405_854.JPG	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	75
Start Levee Mile	3.96
End Levee Mile	3.96
Location	Land Side
Category	
Item	Slope Stability
Repair damage to USACE constructed seepage berm by pedestrian and cycle traffic at LM 3.96.	
pkazi_s_20130404_790.jpg	



Levee Mile Report Line	76
Start Levee Mile	3.97
End Levee Mile	4.07
Location	Land Side
Category	
Item	Encroachments
View of a barbed wire fence on the landward slope looking upstream.	
pkazi_s_20130404_791.jpg	



Levee Mile Report Line	77
Start Levee Mile	3.99
End Levee Mile	3.99
Location	Water Side
Category	
Item	Animal Control
Rodent hole at the waterside slope of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20130404_746.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	77
Start Levee Mile	3.99
End Levee Mile	3.99
Location	Water Side
Category	
Item	Animal Control
Animal burrow was found on the waterside of the levee. The picture was taken from the toe of the levee looking upstream.	
pkazi_s_20130404_747.jpg	



Levee Mile Report Line	78
Start Levee Mile	4.00
End Levee Mile	4.00
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside of the levee looking upstream.	
pkazi_s_20130404_814.jpg	



Levee Mile Report Line	79
Start Levee Mile	4.11
End Levee Mile	4.11
Location	Water Side
Category	
Item	Animal Control
A rodent hole was found on the waterside toe of the levee looking downstream.	
pkazi_s_20130404_782.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	80
Start Levee Mile	4.15
End Levee Mile	4.15
Location	Water Side
Category	
Item	Animal Control

Rodent hole was found on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi\_s\_20130404\_748.jpg



Levee Mile Report Line	82
Start Levee Mile	4.37
End Levee Mile	4.37
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking downstream.

pkazi\_s\_20130404\_783.jpg



Levee Mile Report Line	83
Start Levee Mile	4.39
End Levee Mile	4.39
Location	Water Side
Category	
Item	Animal Control

A rodent hole was found on the waterside toe of the levee looking downstream.

pkazi\_s\_20130404\_824.jpg



**\* Location**

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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	84
Start Levee Mile	4.45
End Levee Mile	4.92
Location	Land Side
Category	
Item	Encroachments

View of the fence on the landside toe of the levee. The picture was taken from the crown looking upstream.

pkazi\_s\_20130404\_793.jpg



Levee Mile Report Line	86
Start Levee Mile	4.72
End Levee Mile	4.72
Location	Land Side
Category	
Item	Animal Control

View of rodent holes on the landward slope looking upstream.

pkazi\_s\_20130404\_742.jpg



Levee Mile Report Line	91
Start Levee Mile	5.25
End Levee Mile	5.25
Location	Land Side
Category	
Item	Animal Control

Rodent holes possibly made worse by a dog digging in it. It is located on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi\_s\_20130404\_755.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	91
Start Levee Mile	5.25
End Levee Mile	5.25
Location	Land Side
Category	
Item	Animal Control

Rodent holes found possible were damaged further by dogs on the landside of the levee looking upstream. This picture was taken during spring 2012 inspection.

pkazi\_s\_20130404\_756.jpg



Levee Mile Report Line	91
Start Levee Mile	5.25
End Levee Mile	5.25
Location	Land Side
Category	
Item	Animal Control

Rodent hole damage possible due to other factor was found on the landside of the levee looking upstream. This picture was taken during spring 2012 inspection.

pkazi\_s\_20130404\_757.jpg



Levee Mile Report Line	91
Start Levee Mile	5.25
End Levee Mile	5.25
Location	Land Side
Category	
Item	Animal Control

Updated picture of the holes primarily made by rodents and then possibly worsened by dogs on the landside slope of the levee looking upstream.

pkazi\_s\_20130404\_758.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	93
Start Levee Mile	5.34
End Levee Mile	5.34
Location	Land Side
Category	
Item	Slope Stability

View of significant damage and erosion to the landward slope looking upstream.

pkazi\_s\_20130404\_817.jpg



Levee Mile Report Line	95
Start Levee Mile	5.36
End Levee Mile	5.36
Location	Land Side
Category	
Item	Vegetation

Vegetation was obstructing the view of the landside of the levee. The picture was taken from the crown looking upstream.

pkazi\_s\_20130404\_789.jpg



Levee Mile Report Line	96
Start Levee Mile	5.40
End Levee Mile	5.40
Location	Land Side
Category	
Item	Slope Stability

View of tilling into the landward slope of the levee looking upstream. This slope has also been significantly damaged by rodent activity.

pkazi\_s\_20130404\_820.jpg



**\* Location**

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**+ Issue Type**

Ma : Maintenance Deficiency  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	04/03/2013 04/03/2013	Pavel Kazi

Levee Mile Report Line	97
Start Levee Mile	5.40
End Levee Mile	5.54
Location	Water Side
Category	
Item	Vegetation

Overgrown vegetation was found on the waterside slope of the levee looking upstream.

pkazi\_s\_20130404\_801.jpg



Levee Mile Report Line	98
Start Levee Mile	5.42
End Levee Mile	5.49
Location	Land Side
Category	
Item	Encroachments

A fence was found on the landside toe of the levee looking upstream.

pkazi\_s\_20130404\_752.jpg



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**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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